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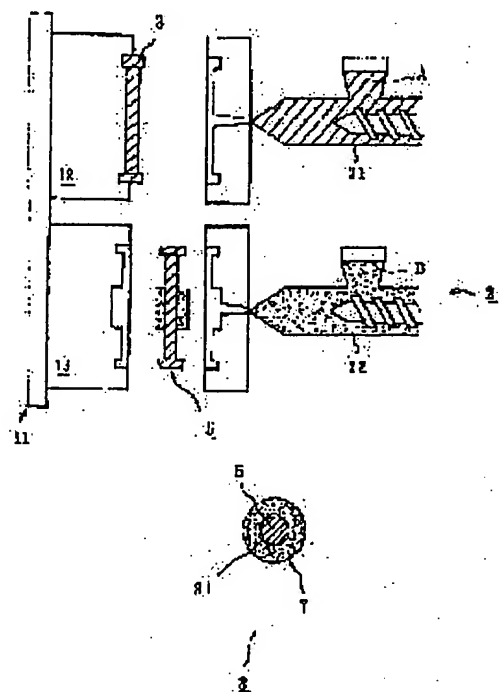
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(54) PRODUCTION OF SLIDING PARTS, MOLDED ARTICLE FOR SLIDING PARTS AND SLIDING PARTS OBTAINED BY PRODUCTION METHOD OF THE SAME

(57)Abstract:

PURPOSE: To easily produce the sliding part having any shape and size by forming a composite molded article with an inner forming material consisting of a sinterable grain and a thermally removable binder and having a large contraction coefficient after sintering and an outer forming material having a small contraction coefficient.

CONSTITUTION: A sinterable grain and a thermally removable resin binder are used to prepare an inner forming material A having a large contraction coefficient after sintering and an outer Forming material B having a small contraction coefficient after sintering. The molten material A is injected into an inner formed body forming die 12 by using an injector 21 to form an inner formed material 3. The inner formed material 3 is placed in an composite formed material forming die 13, and the molten material B is injected into the die 13 from an injector 22 to form a composite material 5. The composite material 5 is heat-treated to remove the resin binder to produce a sliding part 8 having a gap 81 between the inner sintered body 6 and an outer sintered body 7.



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